

FY-2001 RIIF Funding
Iowa Department of Agriculture and Land Stewardship
Division of Soil Conservation

Chapter 1225, Division II, Section 25

1. Conservation Reserve Enhancement Program (CREP)	\$1,500,000
2. Iowa Watershed Protection Program *	\$1,450,000
3. Integrated Farm and Livestock Management Demonstration Program	\$850,000
4. Sustainable Agriculture Grants Program	\$50,000
5. Mine Reclamation Enhancement Program	\$50,000
6. Ag Drainage Well Closure Program **	\$1,300,000
7. Soil Conservation Cost Share Program	\$2,000,000
8. Buffer Initiative	\$1,500,000

* in addition to \$1,250,000 appropriated during the 1999 legislative session – Chapter 204, Division II, Section 4.

** item veto

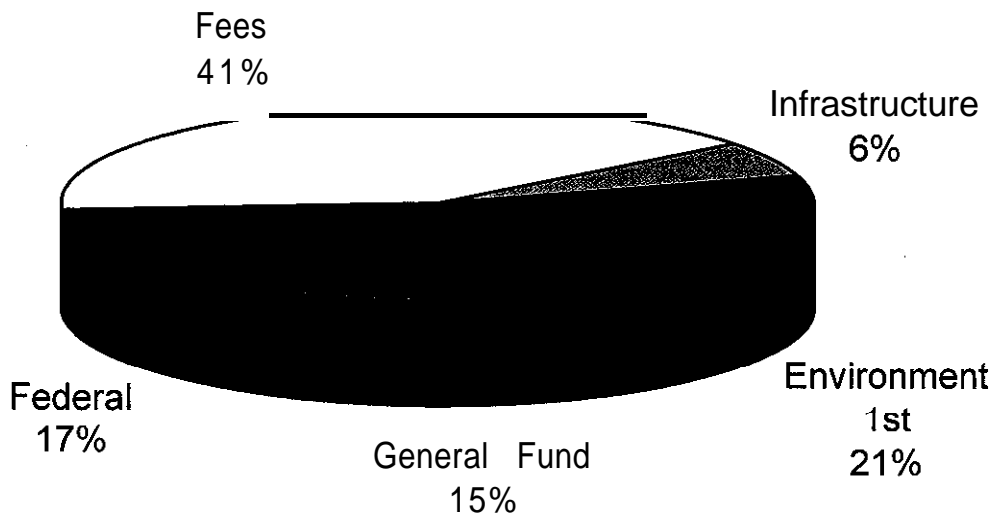
FY-2002 RIIF Funding
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	<u>Governor's Recommendation</u>	<u>Reduction</u>
RIIF Environment First:		
Soil Conservation Cost Share	\$1,500,000	\$500,000
Watershed Protection Fund	\$2,700,000	
Ag Drainage Well Closure	\$500,000	\$800,000
Loess Hills Conservation Authority	\$1,000,000	
Integrated Farm/Livestock Demo.	\$850,000	
Buffer Initiative	\$1,500,000	
Conservation Reserve Enhancement (CREP)	\$1,500,000	
Un-funded RIIF Environment First:		
Sustainable Agriculture Grants		\$50,000
Mine Reclamation Enhancement		\$50,000
Additional RIIF Funding:		
Soil Conservation Cost Share	\$5,500,000	

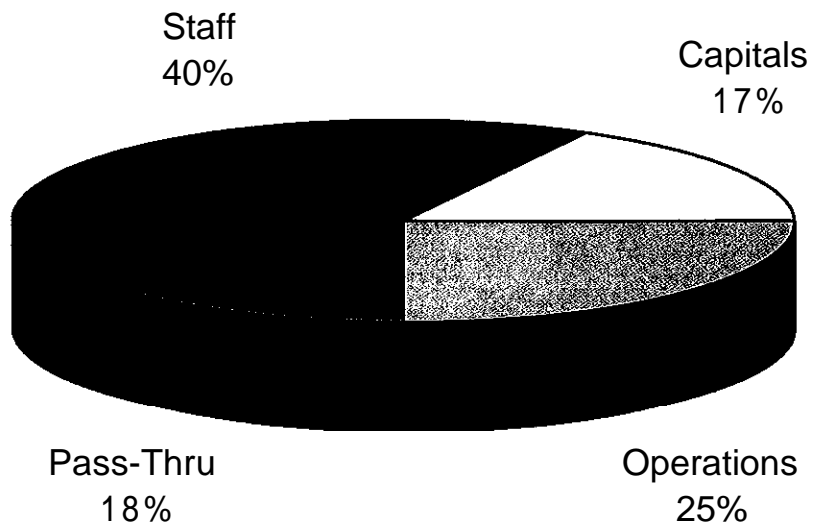
Iowa Department of Natural Resources

Fiscal 02

Revenues 130 Million



Expenditures 130 Million



**DEPARTMENT OF NATURAL RESOURCES
FY 02 APPROPRIATION REQUEST SUMMARY**

APPROPRIATION NAME	FY01 BUDGET	FY02 GOVERNOR'S REQUEST	\$CHANGE FY01 BUDGET OVER FY02 GOV
<u>GENERAL FUND APPROPRIATIONS</u>			
Department Operations	\$17,842,133	\$18,277,133	5435,000
Marine Fuel Tax Operations	\$411,311	5411,311	50
Water Quality Protection Fund	\$729,000	5729,000	50
Park Retirements	50	50	50
Total General Fund Appropriation	\$18,982,444	\$19,417,444	5435,000
<u>INFRASTRUCTURE APPROPRIATIONS</u>			
Destination Park	\$0	\$1,000,000	\$1,000,000
Camping Electric Upgrade	50	50	50
Restore the Outdoors	\$3,000,000	50	(\$3,000,000)
Private Land Access Program	50	\$0	\$0
Elinor Bedell State Park Development	550,000	\$0	(550,000)
Lake Belva Deer Dam Construction	5200,000	50	(5200,000)
	\$3,250,000	\$1,000,000	(\$2,250,000)
<u>ENVIRONMENT FIRST FUND</u>			
Resource Enhancement and Protection	\$10,500,000	\$12,500,000	\$2,000,000
Marine Fuel Tax Capitals	\$2,300,000	\$2,300,000	50
Lake Restoration Program	\$2,900,000	5500,000	(\$2,400,000)
Recreational Grant Matching Program	\$3,000,000	\$3,000,000	50
Tree Planting Grants	5250,000	50	(\$250,000)
Waste Tires	5500,000	5500,000	\$0
Water Quality Monitoring	\$1,950,000	\$3,000,000	\$1,050,000
Floodplain Permit Review	5200,000	5200,000	50
GIS Data for Watershed Managers	\$195,000	5195,000	50
Keepers of the Land Volunteer Program	\$70,000	5130,000	560,000
Water Quality Permit Review	5250,000	5250,000	50
Landforms and Ecosystems	50	5125,000	5125,000
Water Quality Planning and Standards	\$372,000	50	(\$372,000)
SRF Match Septic Tanks	5600,000	50	(\$600,000)
Lewis and Clark Rural Water Supply	560,000	50	(580,000)
Water Quality TMDL	5153,000	50	(5153,000)
Private Land Access Program	\$0	\$1,250,000	\$1,250,000
	\$23,300,000	\$23,950,000	5650,000
<u>NON-GENERAL FUND APPROPRIATIONS</u>			
Fish and Wildlife Operations	\$26,183,240	\$26,383,240	5200,000
Fish and Wildlife Capitals	\$5,428,000	\$3,137,500	(\$2,290,500)
Tire Fund	\$3,000,000	\$1,500,000	(\$1,500,000)
Groundwater	\$11,839,000	\$11,839,000	50
Oil Overcharge	5600,000	5430,000	(5170,000)
UST Administration Match	575,000	575,000	50
Snowmobile Transfer to Fish & Wildlife	5100,000	5100,000	50
Boat Registration Transfer to Fish & Wildlife	\$1,400,000	\$1,400,000	50
Total Non General Fund Appropriations	\$48,625,240	\$44,864,740	(\$3,760,500)
TOTAL	\$94,157,684	\$89,232,184	(\$4,925,500)
TOTAL DEPARTMENTAL FTE	1050.12	1066.12	16.00
Note: Total Infrastructure	\$26,550,000	\$24,950,000	(\$1,600,000)

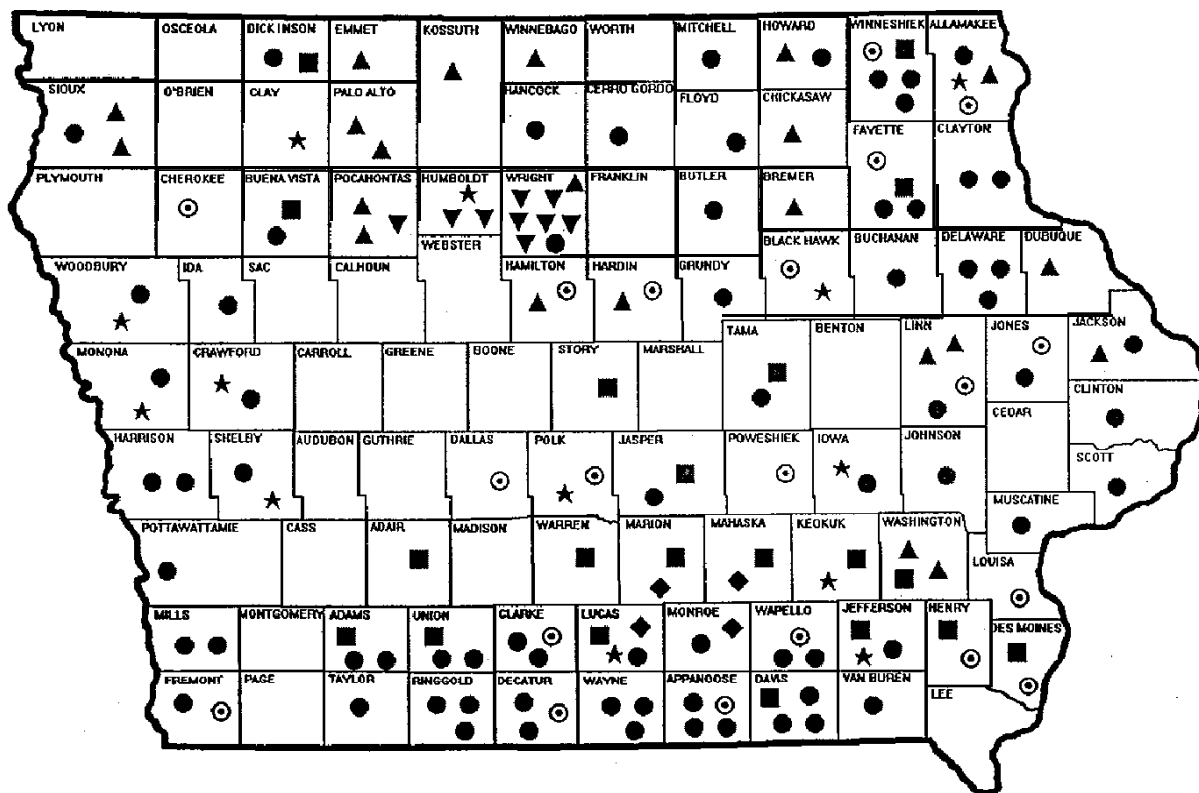
revised 12/20/00

Iowa Department and Land



of Agriculture Stewardship

Division of Soil Conservation January 2001



2000 Conservation Program Summary

- ▼ Ag Drainage Well Closure
- ▲ Fish Kill Restitution
- Mined Land Reclamation
- Public Lakes Protection

- * Soil Survey Updates
- ⊙ Watershed Development Grants
- Watershed Protection/
Water Quality Projects

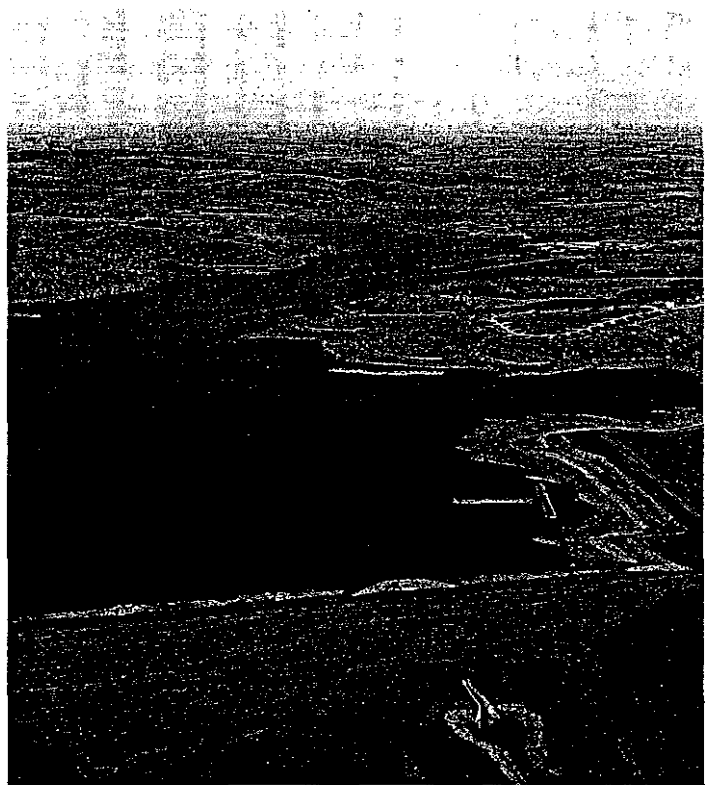
Iowa Watershed Protection 'Program

Project Description: Provides \$2.7 million to develop and encourage integrated approaches to meet multi-objective water quality protection, flood control, erosion control, recreation, wildlife habitat, and other resource protection issues. It provides funding for watershed solutions to water quality and water management problems that impact local communities, the state, and the country.

Project Need: Iowan needs to coordinate efforts and improve communication among federal, state and local entities charged with solving the broad range of resource management challenges that face our people. The watershed approach has proven to be the most comprehensive, efficient and effective way to solve complex resource management challenges.

First Year Goal: Financially support more than 20 local watershed protection projects that are providing improved flood protection and erosion control, and beginning to address the water quality problems of the state's impaired waters. Assistance will be provided to local communities and soil and water conservation districts for the development of water quality projects and funding applications. The Watershed Task Force will complete its study of Iowa watershed protection efforts, and will report (with recommendations) on the status of watershed protection needs, program capacity, and local initiatives.

What is Being Done: More than 50 watershed and water quality project applications were received and reviewed by cooperating agencies and organizations. Twenty-eight watershed protection projects were initiated or continued. Twenty-nine watershed development grant applications were approved and funding has been transferred to soil and water conservation districts to begin the development work. The Watershed Task Force report is nearing completion. Final preparation of case studies and some text editing remains to be completed before the report will be printed and distributed. 97% of the watershed project funding has been spent or obligated. Remaining funds are being held as insurance against contingencies that may arise as projects are implemented.



For more information, contact
Dean Lemke, 515-281-3963



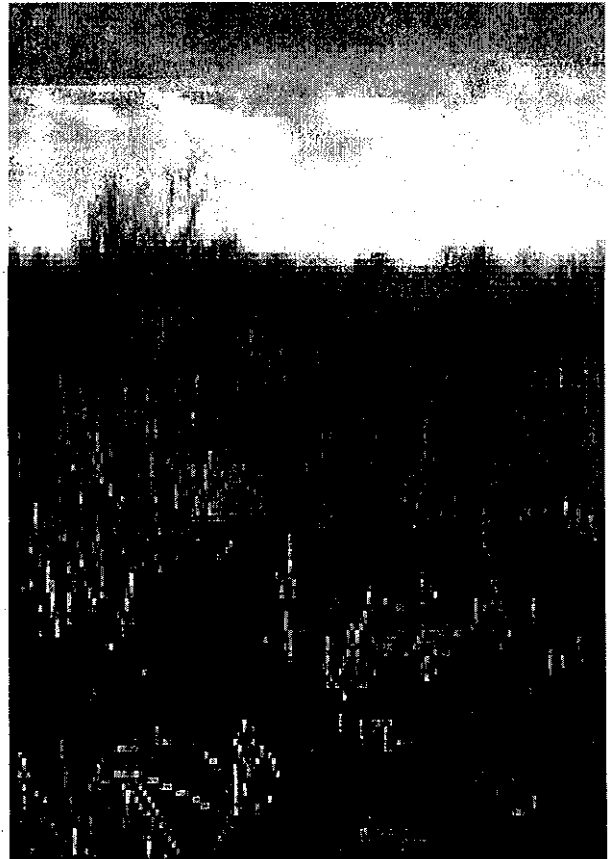
Conservation Reserve Enhancement Program (CREP)

Project Description: Provides \$1.5 million to work with private landowners to restore or construct wetlands where they intercept tile runoff **from** agricultural lands. These wetlands **will** be designed to provide water quality benefits through the removal of nitrates and other soluble pollutants **from** the runoff water. They will also be the source of additional wildlife habitat, recreation opportunities, and increased landscape **biodiversity**. CREP is a cooperative initiative, with state **funds** leveraging USDA funds to establish long-term contracts or easements with landowners.

Project Need: Considerable amounts of nitrates are released into our lakes and streams **from** intensively **tile-**drained farmland. **These** nitrates cause drinking water quality problems, and contribute to nutrient enrichment problems in our lakes, streams and ultimately the Gulf of Mexico. Restored and constructed wetlands can remove nitrates **from** these waters, reducing the environmental impact and improving water quality.

First Year Goal: Complete a CREP application, approved by USDA, and successfully initiate the program. It is anticipated **that** contracts and/or construction can be initiated for up to 3,000 acres of wetlands, intercepting drainage **from** more than 200,000 acres of cropland. These wetlands can be expected to remove 50% or more of the nitrates that enter them.

What is Being Done: The completed CREP proposal has been submitted to USDA. A team of USDA Farm Service Agency officials visited Iowa to review the proposal, meet agency and private organization staff involved in the development and implementation of the program, and begin negotiation **of the** final pro&am budget and funding package. USDA was very favorably impressed with the Iowa CREP concept and the cooperation and support that has been developed for the program. The **Environmental Protection** Agency has approved a **grant** to the Division to develop a marketing and outreach component for the program. Initial efforts have begun to introduce **field** staff to the goals and objectives of the **CREP** program to prepare them to initiate implementation of the program when it is approved.



For more information, contact
Dean Lemke, 515-281-3963



Soil Conservation Cost Share Program



Program Description: Provides \$2 million in financial incentives to install conservation practices on private farmlands. These practices provide erosion control to protect the long-term productivity of our soils, and improved water quality by preventing sediment and other agricultural pollutants from washing into our lakes and streams. Five percent of the funding is directed to private lands in the watersheds of high priority, publicly-owned lakes in the state. Practices in these watersheds provide important protection for municipal water supplies and high-value recreational lakes.

Program Need: Erosion control is one of the state's highest environmental priorities because soil productivity is the basis of Iowa's economic strength. Reduction of sediment damage is crucial to maintain and improve water quality. Sediment and sediment-borne chemicals are the reason many lakes and streams are on the state's impaired waters list.

First Year Goal: Provide *permanent* soil conservation protection for 6000 acres of cropland statewide and in priority watersheds, and to reduce *annual soil* loss from those acres by up to 50,000 tons per year, now and in the future.

What is Being Done: More than 90% (\$1.8 million) of these cost share funds have been spent. The remaining funds have been obligated to landowners, and construction will be completed prior to planting this Spring.

For more information, contact
Bill McGill, 515-281-6148



Buffer Initiative

Project Description: Provides \$1.5 million to accelerate implementation of the continuous sign-up Conservation Reserve Program (CRP) through soil and water conservation district field offices. Through the CRP program, farmers receive payments from USDA to establish riparian buffers, grassed waterways, contour buffer strips, field borders and other buffers on private farmlands. The buffer initiative will provide funding for additional field office staff to prepare materials, contact prospective participants and process applications.



Local government and private, nonprofit organizations are being challenged to provide matching funds to further leverage the initiative. Funds are also being used to provide \$100/acre sign-up bonus payments for eligible practices of contour buffer strips, shallow water areas for wildlife, and cross wind trap strips.

Project Need: Conservation buffers adjacent to streams and strategically located in crop fields can reduce soil erosion, improve water quality and stabilize streambanks. Erosion can be reduced by more than 50%. Shallow, subsurface water movement into streams can be improved through the removal of nitrates and some agricultural chemicals. Buffers also provide excellent wildlife habitat and increase landscape biodiversity. More than 30 species of birds have been found in established riparian buffers compared to 8 species in similar unbuffered areas. Fish habitat is improved by providing more diversity in the food chain and reducing sediment deposition.

First Year Goal: Enroll an additional 100,000 acres in the continuous sign-up Conservation Reserve Program.

What is Being Done: More than \$770,000 of the buffer initiative funds have supported staff and district projects across the state to encourage landowner sign-up for the Continuous Sign-up, Conservation Reserve Program. Districts raised an additional \$280,000 from local and private sources to match and support this effort. More than \$250,000 has been provided to landowners as sign-up bonuses for select buffer Practices, complementing similar USDA bonus payments. The Division has obligated \$200,000 of the funds for new Spring initiatives to encourage sign-up for the new USDA Prairie Pothole pilot wetland program, and to match an additional \$100,000 pledged by Pheasants Forever. The remaining funds (approximately \$280,000) will be used for additional support to conservation district sign-up programs and bonus payments on additional eligible sign-up. As of December 15, 2000, total Continuous Sign-up CRP participation in Iowa has exceeded 242,000 acres. The 100,000 acre goal for the year will be met and Iowa continues to be the leading Midwestern state with respect to participants and acres enrolled.

For more information, contact
Jim Gillespie, 515-281-7043



Mine Reclamation Enhancement Program

Project Description: Provides \$50,000 to accelerate development of reclamation plans for permitted coal mine sites abandoned as a result of bankruptcies since 1995. Funding will leverage additional federal assistance to develop reclamation plans and contract documents necessary for achieving closure of these sites. Assistance will also allow Division of Soil Conservation technical staff to receive training in the utilization of computer-assisted design (CAD) software.

Project Need: The Division has an opportunity to accelerate the development of needed mine reclamation plans, while simultaneously expanding the technical skills and capabilities of existing professional staff. Project efforts will secure data and resources needed for obtaining ground control and completing reclamation plans necessary for final design and construction.

Completion of these projects will also enhance efforts to achieve reclamation performance goals mutually developed with the Division's federal oversight agency, the USDI's Office of Surface Mining (OSM). Achieving these goals will maintain Iowa's eligibility to receive federal grant funds for the reclamation of abandoned coal sites that were mined prior to 1977.



Goals:

- ◆ Obtain aerial photography and mapping needed to complete planning, bid documents, and construction estimates for five forfeiture sites.
- ◆ Enable OSM to design and finalize bid documents for a forfeiture site.
- ◆ Obtain technical training and hands-on experience for Division of Soil Conservation professional staff in computer-assisted design (CAD) applications.
- ◆ Accelerate completion of reclamation plans for all abandoned sites.
- ◆ Eliminate off-site impacts of sedimentation and water quality degradation.

What is being done: Project needs and goals have been established in consultation with federal oversight agency. Technical assistance and training opportunities have been scheduled for this year. Needed mapping, contour intervals and referencing is being developed.

For more information, contact
Kenneth Tow, 515-281-6147



Sustainable Agriculture Grants Program

Project Description: Provides \$50,000 to promote and encourage Iowa farmers and producers to become more aware of and skilled in the preparation and submission of grant proposals to support on-farm applied research and education projects/demonstrations. Funding will be focused on grants for farmers and producers supporting or transitioning to a more sustainable agriculture or alternative agriculture.

Project Need: The Division has an opportunity through this program to provide direct assistance to Iowa producers and farmers which will increase their profitability and provide more environmentally sound decisions and options through on-farm education and applied research. Producers and farmers are seeking sources of funding to diversify and move to more profitable enterprises and practices. This program effort will leverage resources currently available from various public and private sector state, regional, and national grants program opportunities. This program will assist in coordination of programming efforts targeted to producers and farmers between the Division of Soil Conservation and Iowa State University Extension.

Goals:

- Inventory appropriate grants opportunities available to Iowa producers and farmers within Iowa, the region and nationally.
- ♦ Design, develop, and distribute grants program brochure to 5000 Iowans.
- ♦ Design and develop a farmer-friendly web site for easy access to real-time grants opportunities.
- ♦ Coordinate awareness of program and implementation opportunities with 10 Iowa commodity and farm organizations.
- ♦ Develop and deliver grants writing workshops to farmer/producer meetings across Iowa.



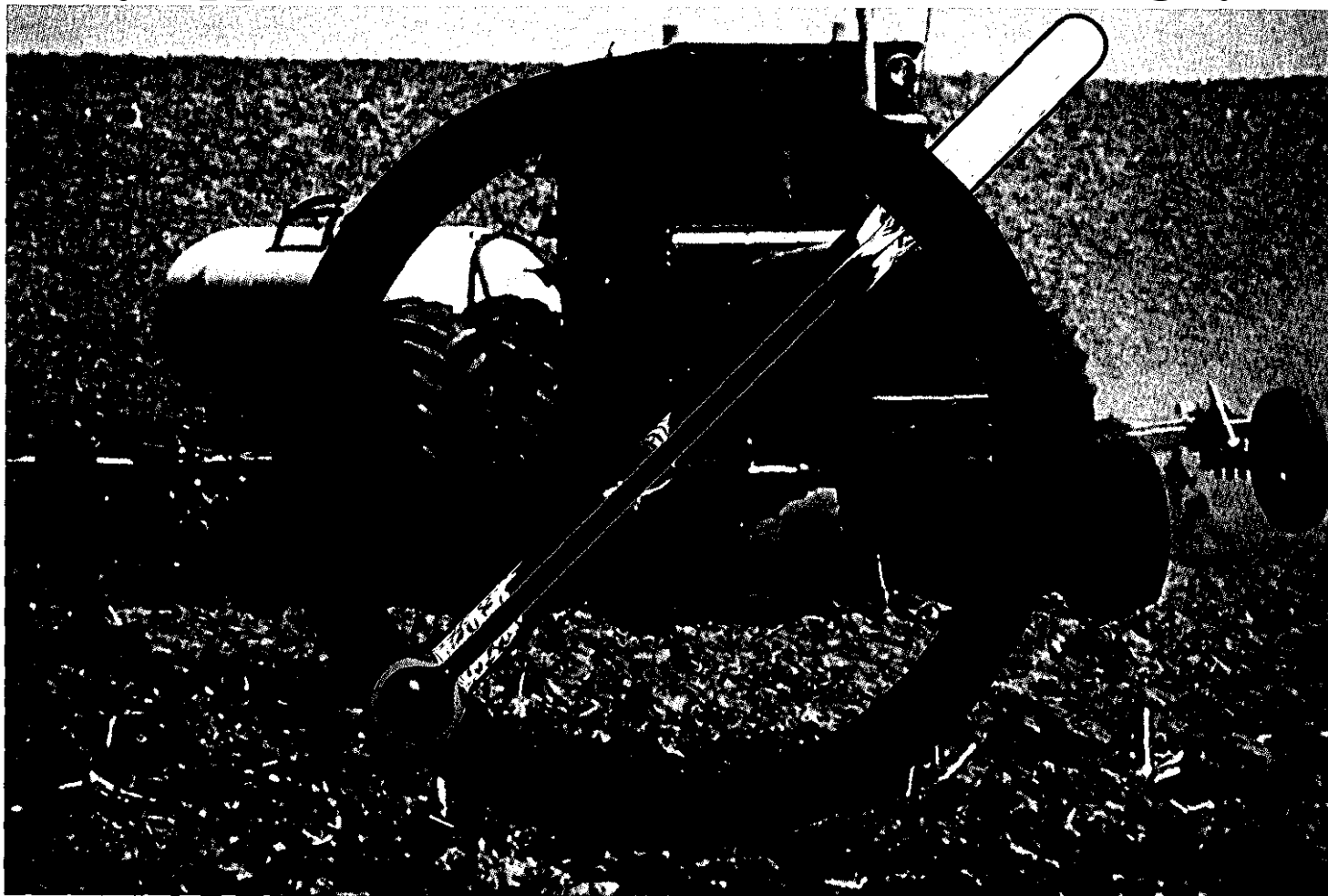
What is Being Done: Project needs and goals have been established with Iowa State University Extension. Project implementation will occur through the statewide ISU Extension Sustainable Agriculture program. A grants inventory is underway, contact with farm groups has been established, and brochure development is being implemented.

For more information, contact
Jim Gulliford, 515-281-6146



DON'T GO until it's 50° or below!

Early application into warm soils is costing you!



What are the costs you may incur if you apply nitrogen (N) too early?

- Lost N that you purchased
- Lost corn yield next year from insufficient fertilizer N
- Nitrates can be lost to nearby water resources

Let the soil cool to 50°F at a 4-inch depth with continued cooling forecast before fall-applying anhydrous ammonia. A significant portion of N from anhydrous ammonia that is placed in warm soil can convert to a mobile form and may be lost!

Timing counts. Fall N application is one option, but waiting until spring, or sidedressing is preferred.

Check your soil temperature. Use the standardized average temperatures that are posted daily for each Iowa county at

<http://extension.agron.iastate.edu/NPKnowledge/>

If you want to measure your own soil temperatures, choose a representative, uncompacted, flat, bare-ground site and measure the 4-inch soil temperature daily at 10 AM or 7 PM.

Sponsors:

Agribusiness Association of Iowa
Iowa Certified Crop Advisers
Iowa Department of Agriculture and Land
Stewardship, Division of Soil Conservation

Iowa Department of Natural Resources
Iowa State University Extension
Natural Resources Conservation Service

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IOWA STATE UNIVERSITY
University Extension

IPM 66A October 2000

... and justice for all

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